Assembly and operating instructions

Time switch

Current connection required for smooth zero-crossing switch operation (see connection diagram)!
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Basic advice

**WARNING**

Danger of death through electric shock or fire!
- Installation should only be carried out by professional electrician!

- The device is designed for installation on DIN top hat rails (in accordance with IEC/EN 60715)
- Corresponds to type 1 STU actions in accordance with IEC/EN 60730-2-7
- Power reserve (10 years) is reduced with memory card inserted (in battery mode)

Designated use
- The time switch is used for lighting, air-conditioning, flushing etc. (electronic control)
- For use only in closed, dry rooms
- Do not use on safety devices, e.g. escape route doors, fire safety equipment etc.

Disposal
- Dispose of equipment in an environmentally-friendly manner
Screen display and keys

- Programmed switch times
- Date display
- Channel status
  C1, C2
  ON = Ein   OFF = Aus
- Time display
- Days of the week from 1 – 7
- Display of active buttons with relevant function

Operating principle

1. Read text line
   Flashing text/symbol represents question

2. Make decision

   YES
   Confirmation
   OK press

   NO
   Change/review
   press
Connection/installation

⚠️ WARNING

Warning, danger of death through electric shock!
- Must be installed by professional electrician!
- Disconnect power source.
- Cover or shield any adjacent live components.
- Ensure device cannot be switched on!
- Check power supply is disconnected!
- Earth and bypass!

Connect cable
- Strip cable by 8 mm (max. 9).
- Insert cable at 45° in the open terminal
  (2 cables per terminal is possible).
- Only for flexible wiring: Press screwdriver downwards to open spring screwless terminal.
Initial start-up

Set date, time and summer-/winter time rule

Press desired button and follow on-screen instructions.
Program switching time

➢ Press **MENU**.
   (see fig.)

There are 56 memory locations available.

same switching time for several days = Block

Switching time for one day
Change/delete switching time

➢ Press MENU.
   (see fig.)

You can either change or delete a block, i.e. a switching time copied for several days (e.g. Mon-Fri) or a single switching time.
Manual and permanent switching

Manual and permanent switching can be selected by using menu option MANUAL or (in the automatic display) via a combination of buttons (see fig.).

Activate manual switching
➤ Quickly press both buttons simultaneously.

Activate permanent switching
➤ Press both buttons simultaneously for 2 sec.

Cancelling manual/permanent switching
➤ Press both buttons simultaneously.

PIN code

The PIN code is set in the menu under OPTIONS (see fig.). If you lost the PIN call the Theben Hotline.

channel C1

channel C2

[Diagram of the menu options: OPTIONS, OPERATING HOUR, LCD ILLUMINATION, LANGUAGE, PIN, FACTORY SETTINGS, INFO, WITH PIN, NO PIN, NEW PIN, 00 00]
OBELISK top2 memory card

Using memory card

- Insert memory card in the time switch.
- Request saved switch timings, read to/from the time switch or start the Obelisk program.
- Remove OBELISK top2 memory card (No. 9070404) (optional) after programming etc. and store in cover.

Avoid mechanical overload or contamination caused by other storage/transport.

RESET

- Press the 4 buttons simultaneously.
You can choose between RETAIN PROGRAMS and DELETE PROGRAMS.
Technical Data

• Rated voltage: 230–240 V AC, +10 %/-15 %
• Frequency: 50–60 Hz
• Power consumption: max. 6 VA
• Switching output: phase-independent zero-crossover switching)
• TR 610 top2: suitable for switching SELV (Safe Extra-Low Voltage)
• Contact: two way switch
• Contact material: AgSnO₂
• Switching capacity max.: 16 A, 250 V~, cos ϕ = 1
  10 A, 250 V~, cos ϕ = 0,6
• Switching capacity min.: 10 mA/230 V AC
  100 mA/24 V AC/DC
• Incandescent lamp load: 2600 W
• Halogen lamp load: 2600 W
• Fluorescent lamp load: uncorrected:
  series corrected: 1000 VA
  parallel corrected: 730 VA (80 µF)
• Compact fluorescent lamps: 22 x 7 W; 18 x 11 W;
  16 x 15 W; 16 x 20 W; 14 x 23 W
• Permissible ambient temperature: –30 °C ... +55 °C

• Protection class: II in accordance with IEC/EN 60730-1 with designated installation
• Protection rating: IP 20 in accordance with IEC/EN 60529
• Power reserve: 10 years at +20 °C
• Pollution degree: 2
• Rated impulse voltage

Service address/Hotline

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